

the gas mixture when exposed to the gas mixture; and

a solid electrolyte that is conductive for oxygen ions situated between the first and second measuring electrodes.

13. (Amended) The sensor according to claim 10, wherein the first measuring electrode is a mixed potential electrode and includes a metal component that is at least one of gold and silver.

14. (Amended) The sensor according to claim 10, further comprising a porous layer, the solid electrolyte being integrated into the porous layer.

15. (Amended) The sensor according to claim 14, wherein the porous layer contains at least one of promoters and catalysts at least in some areas.

17. (Amended) The sensor according to claim 10, further comprising a porous layer extending between the first and second measuring electrodes, one of the first and second measuring electrodes being situated on a side of the sensor facing the gas mixture, another of the measuring electrodes being situated between a reference electrode and the one of the measuring electrodes facing the gas mixture, the solid electrolyte being integrated into the porous layer.

Please add new claim 19 as follows:

19. (New) The sensor according to claim 10, wherein a potential of $\lambda = 1$ is applied when a λ value of < 1 is present in the gas mixture.

REMARKS

Claim 19 has been added, and therefore claims 10 to 19 are now pending.

Applicants thank the Examiner for considering German Patent Application No. 44 08 504 cited in the Information Disclosure Statement of May 9, 2001. The Applicants are not aware of an English language version of this reference.

As requested, Applicants have submitted another copy of the marked-up version of the substitute specification, which bears the prior Express Mail Label Number.